

**SINGLE WIRE RETURN DEVICE INCLUDING A QAM MODULATOR FOR  
DOWNSTREAM IP SIGNALS**

**ABSTRACT OF THE DISCLOSURE**

5           Systems and methods are disclosed for receiving IP video and audio signals at a subscriber's premises. A QAM modulator then modulates the IP signals and provides the modulated signals to a conventional digital home communications terminal (DHCT). Accordingly, conventional DHCTs can be used in an IP-based network.